

FIG. 1

FIG. 1

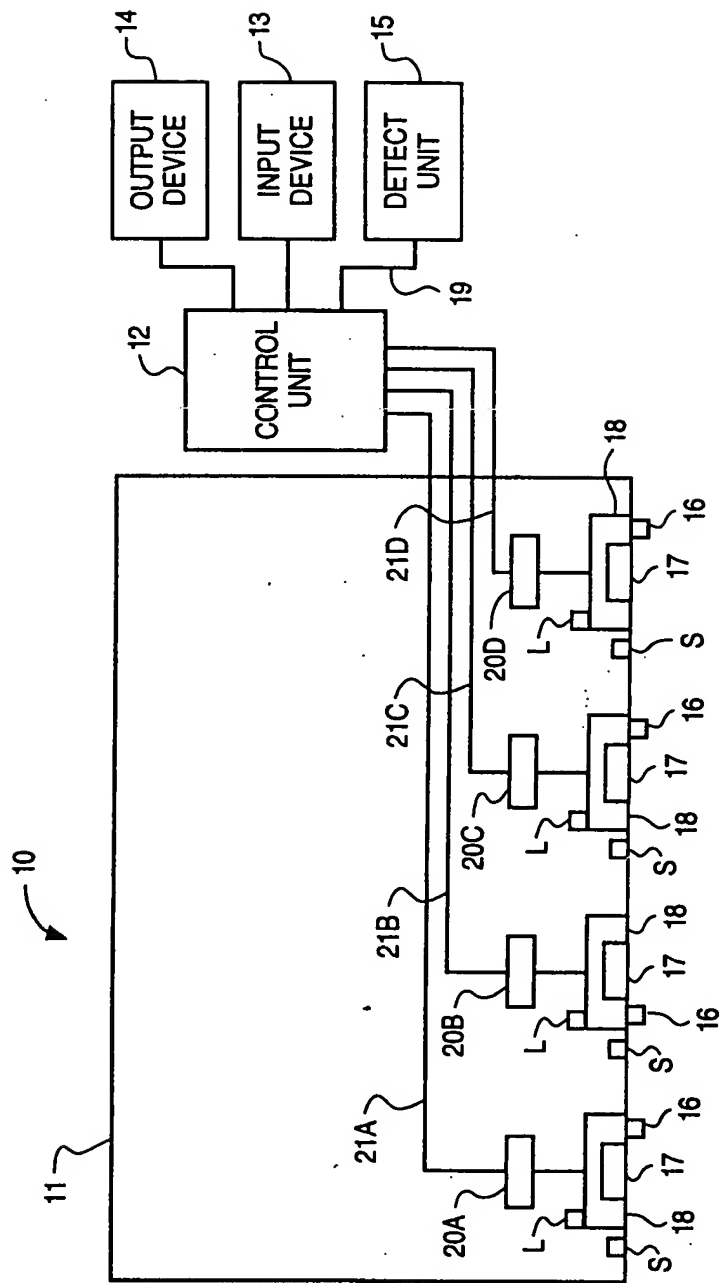


FIG. 2A

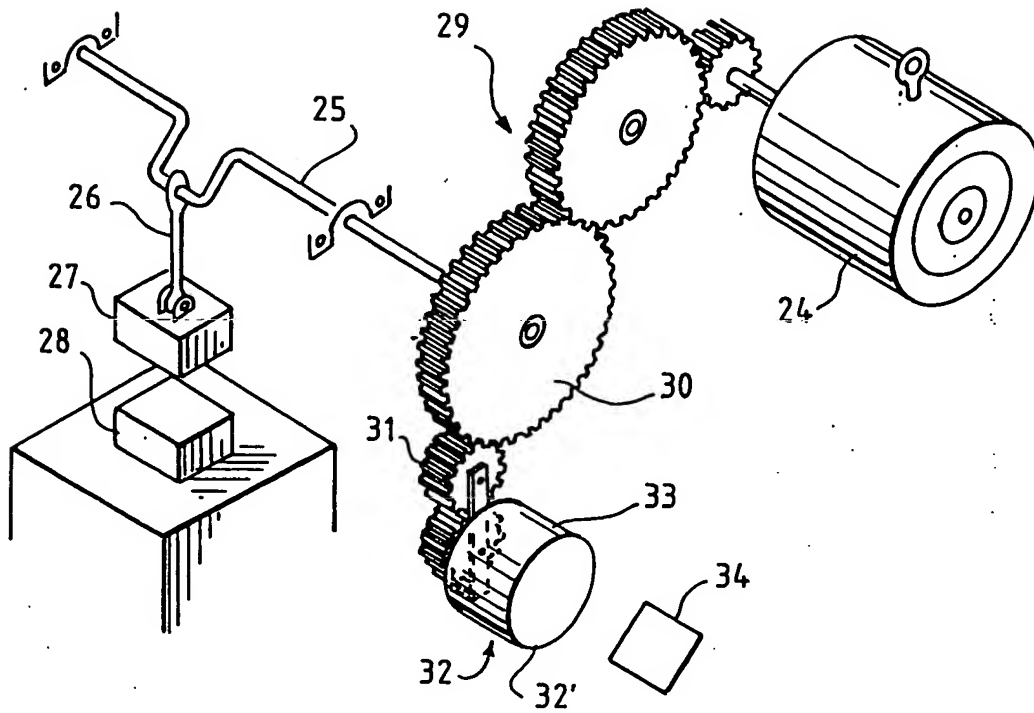


FIG. 2B

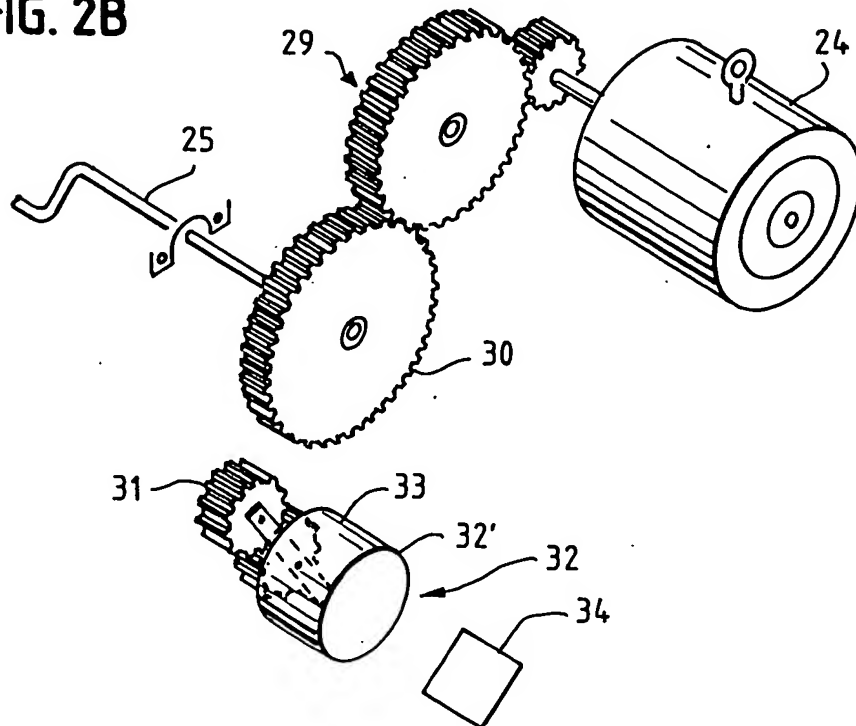
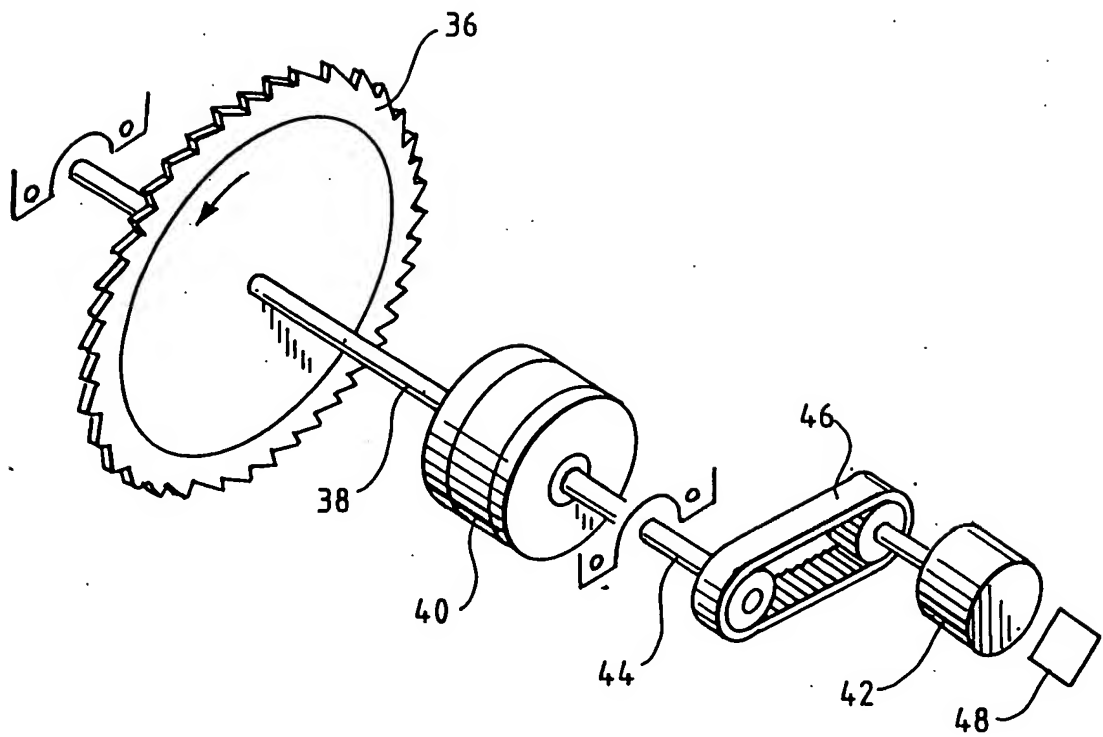


FIG. 3

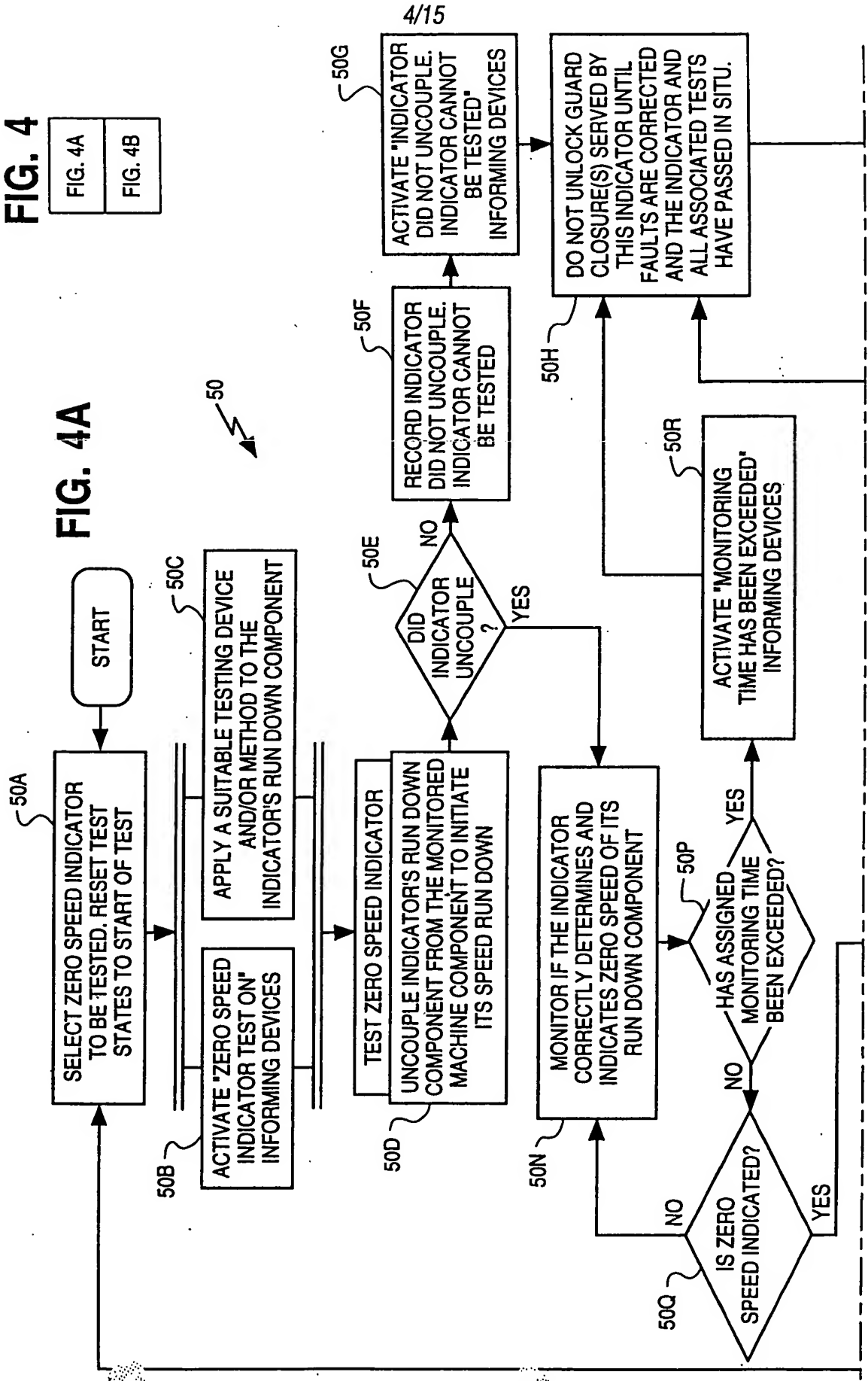


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FIG. 4A

FIG. 4A

FIG. 4B



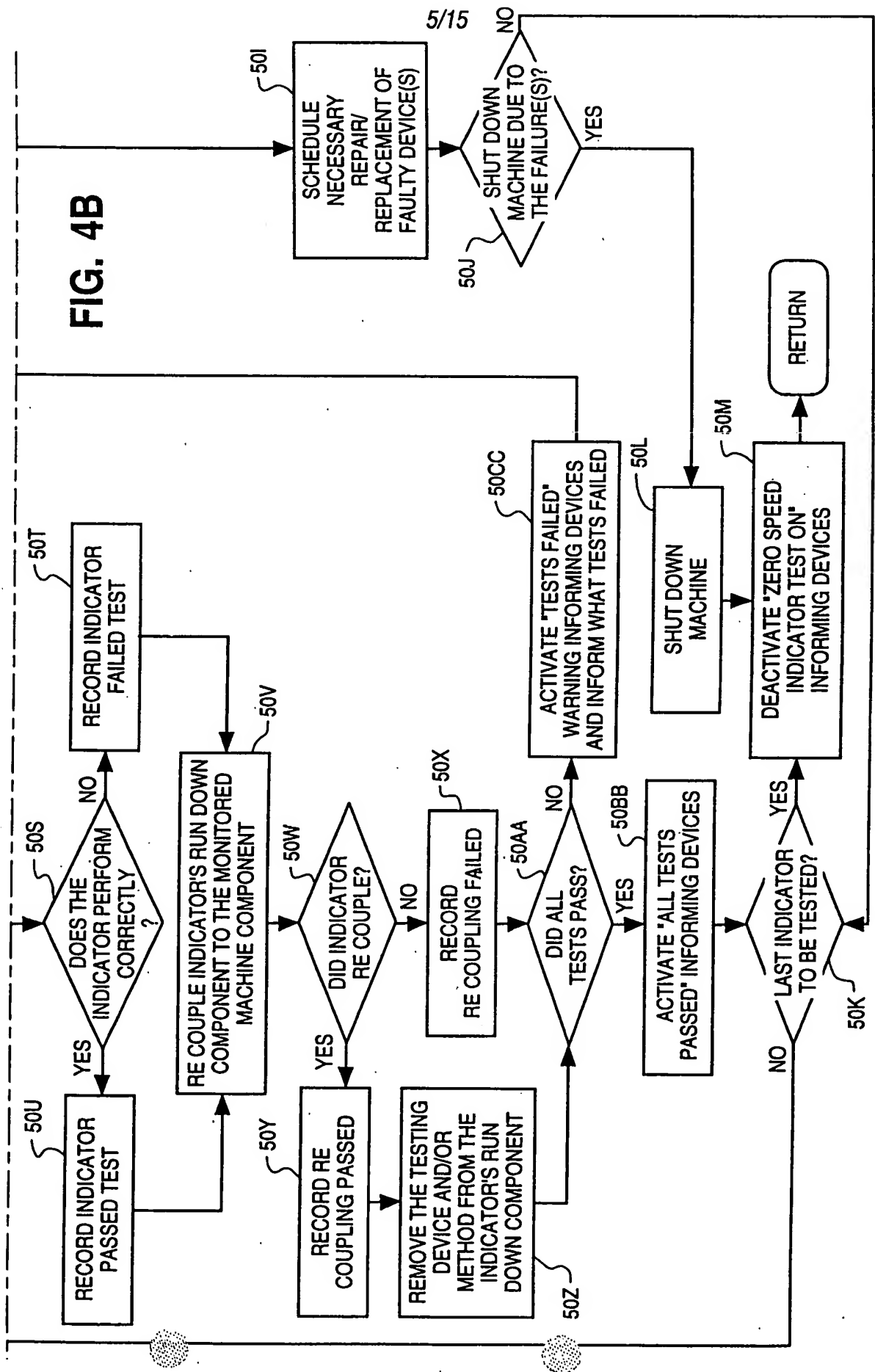
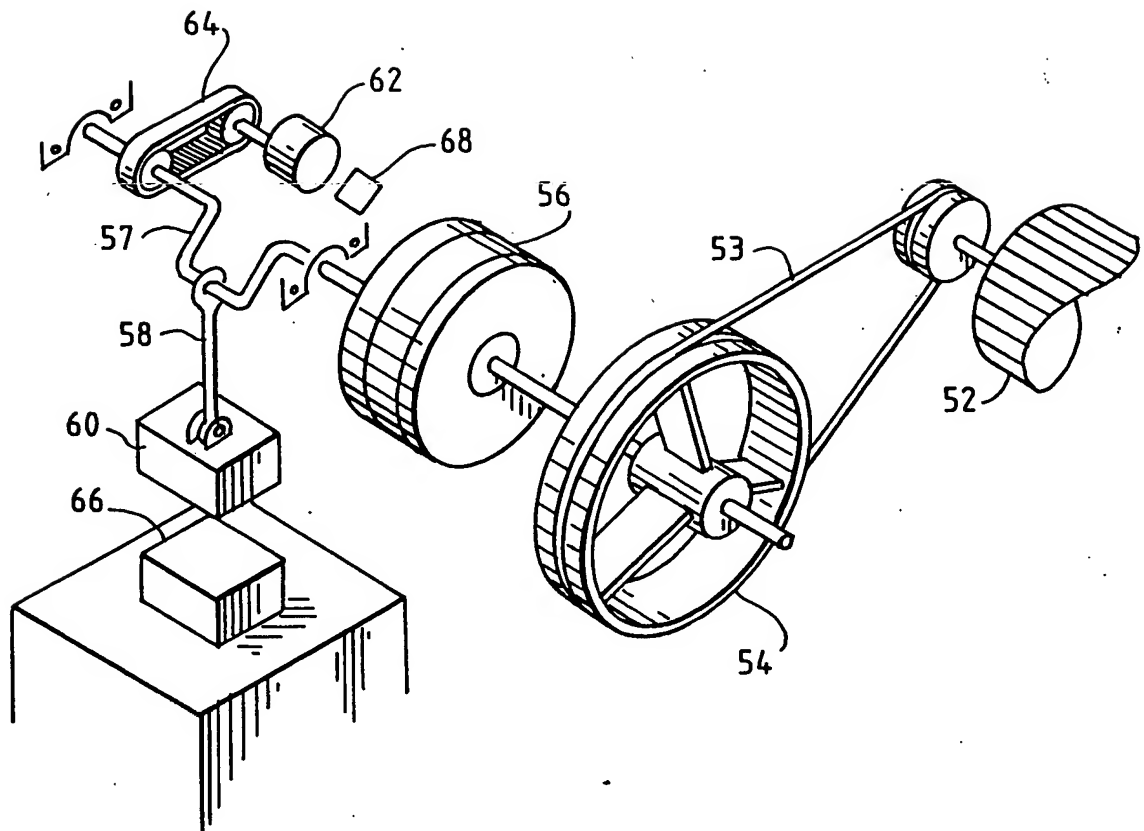


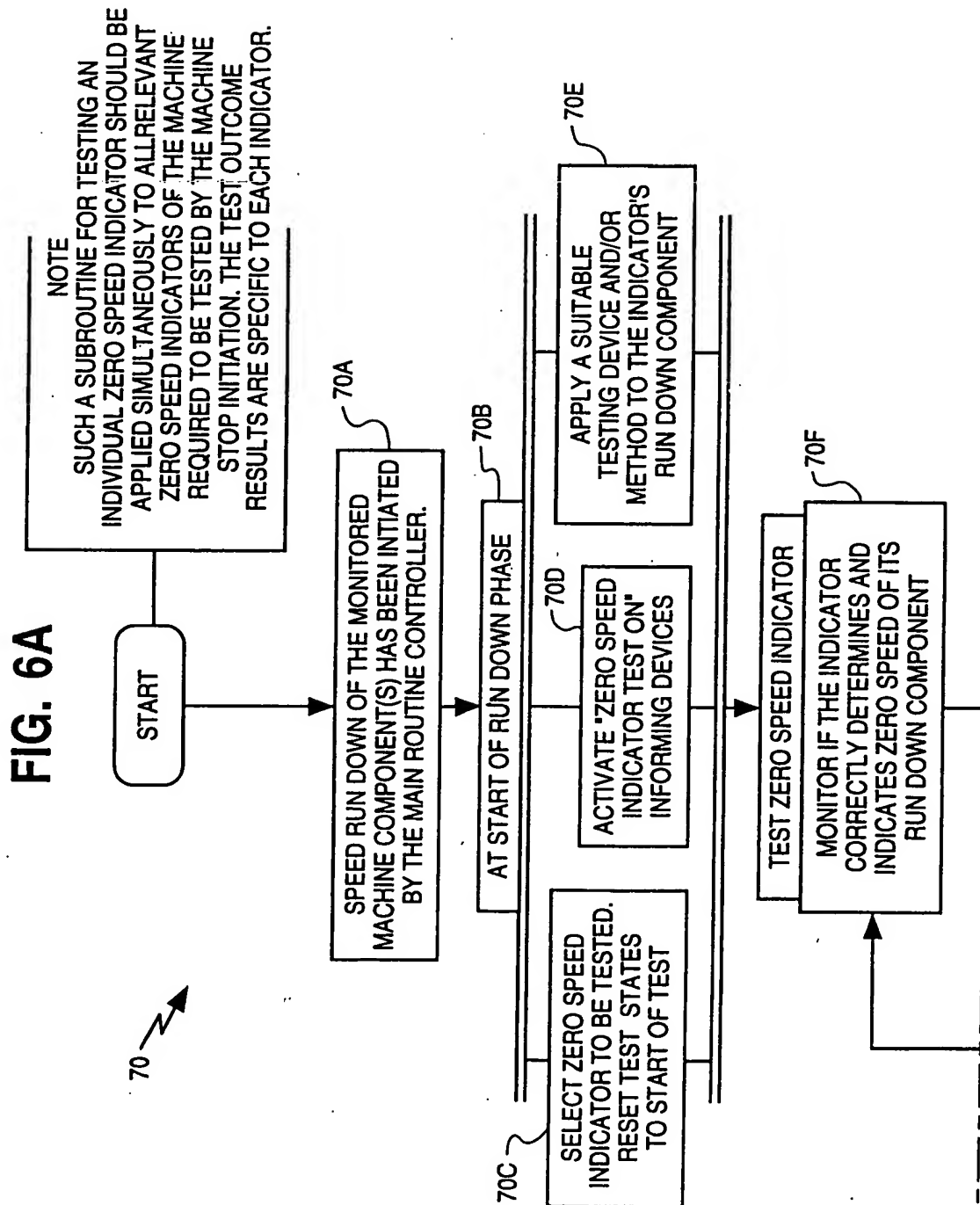
FIG. 5



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FIG. 6

FIG. 6A
FIG. 6B



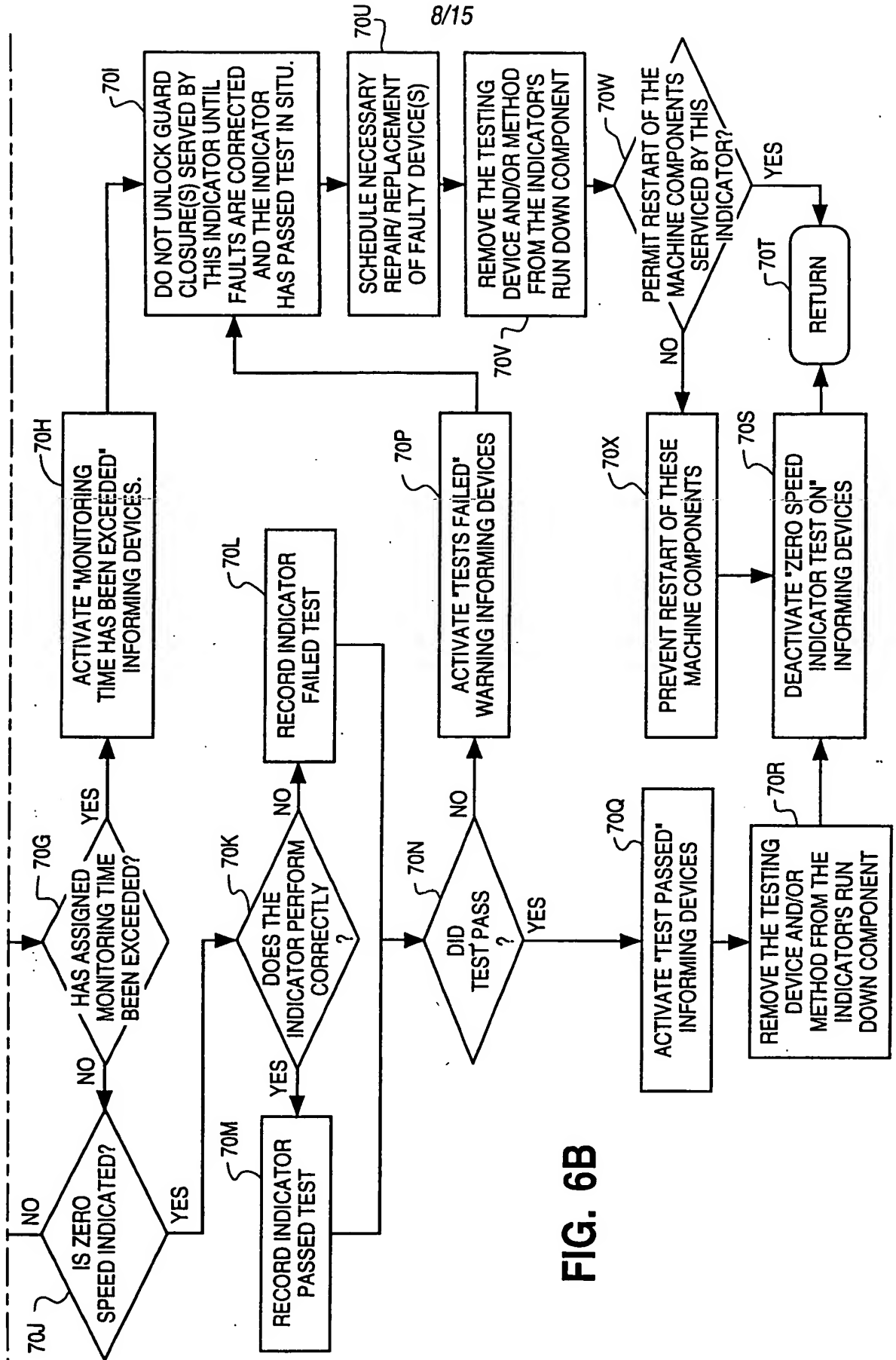


FIG. 6B

FIG. 7

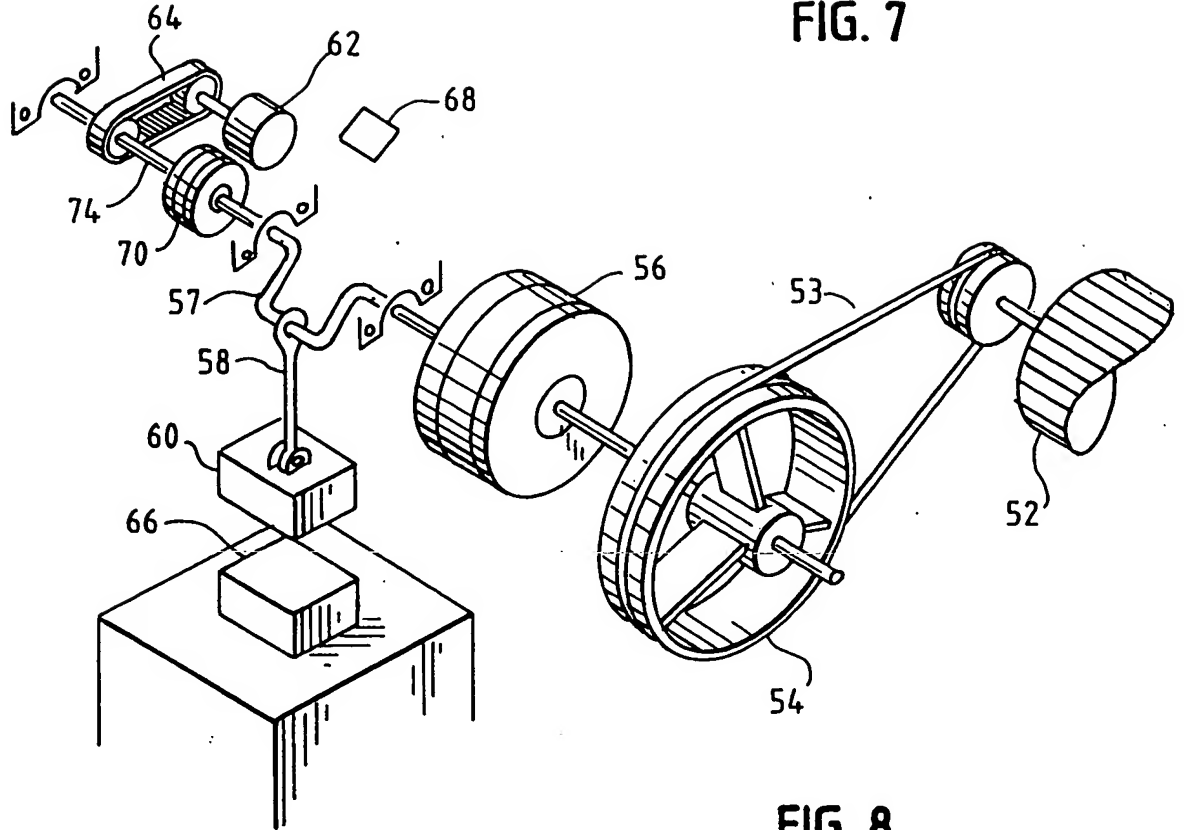


FIG. 8

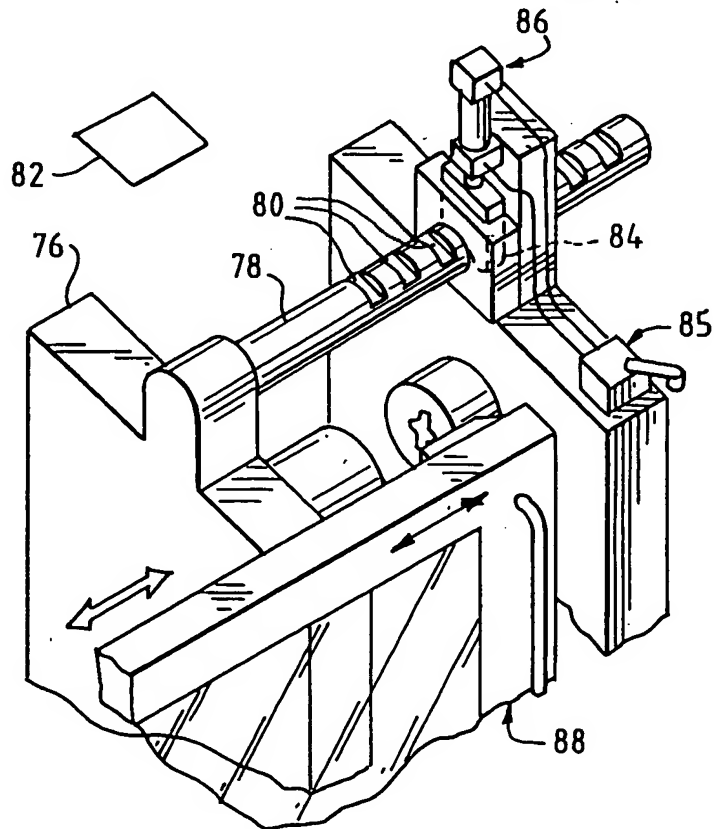
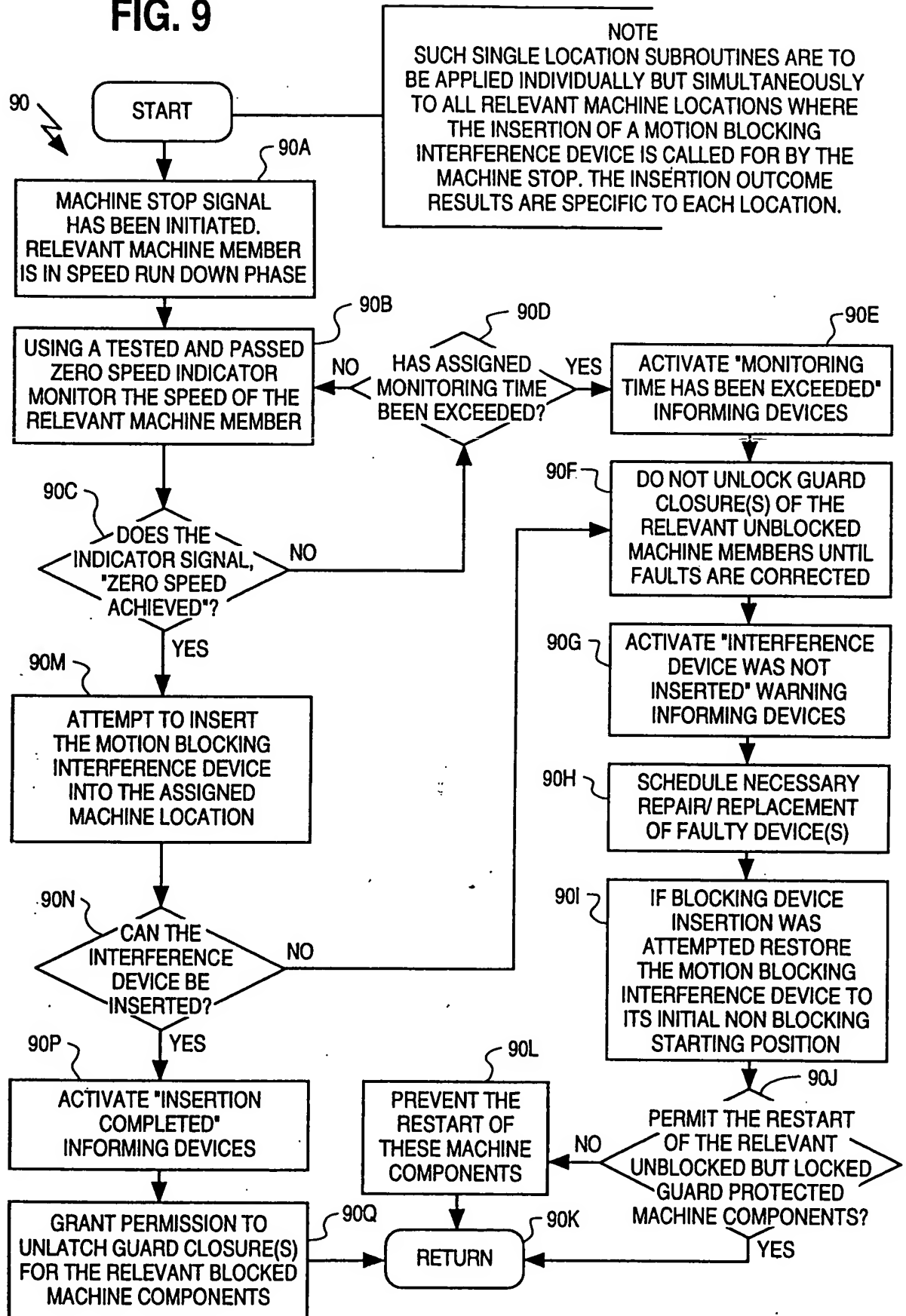


FIG. 9



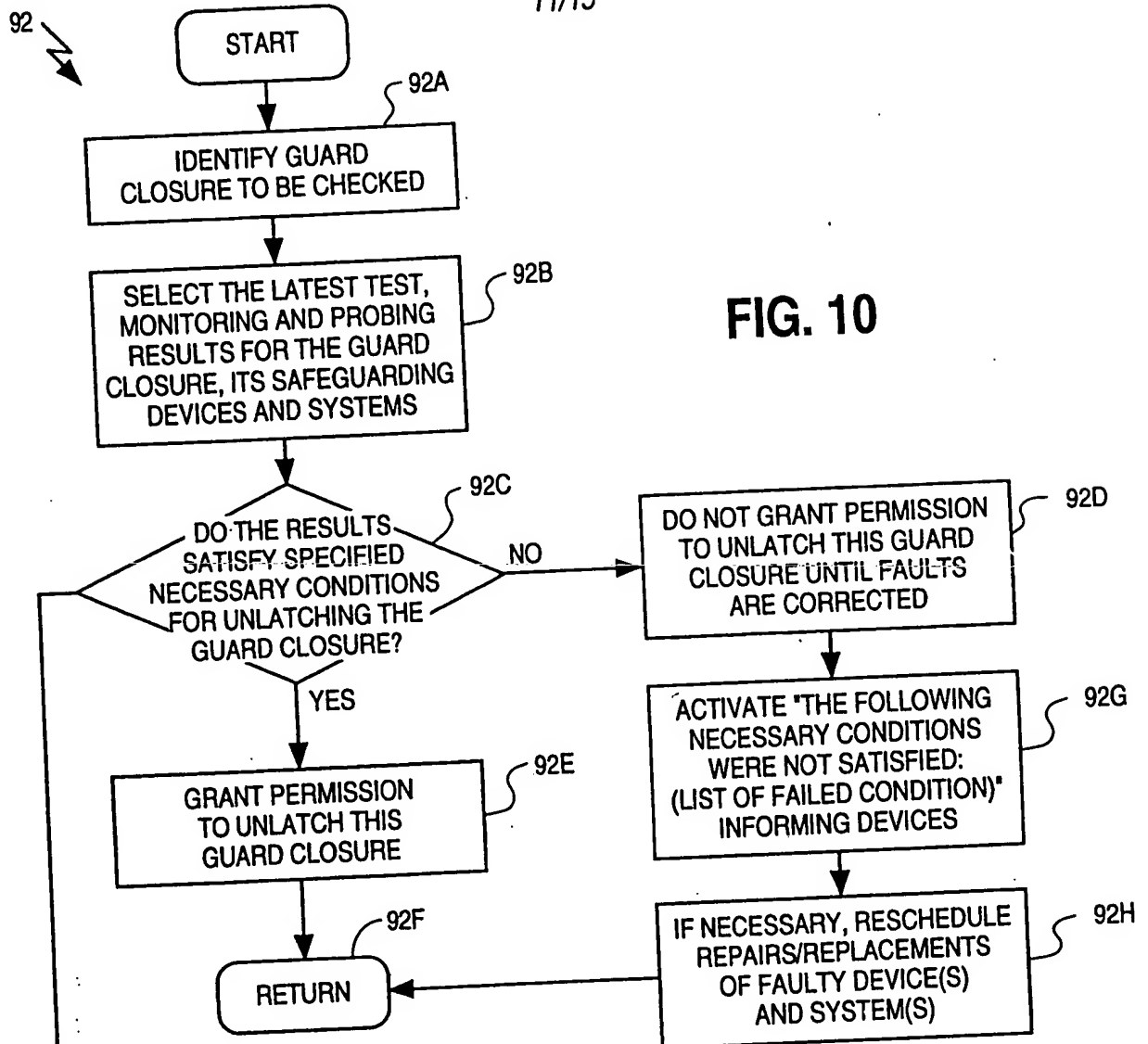


FIG. 10

NOTE
 FOR THE ULTIMATE GUARD CLOSURE SYSTEM, THE NECESSARY CONDITIONS FOR UNLATCHING THE GUARD CLOSURE MUST INCLUDE THE FOLLOWING RESULTS:

- * TESTS ON GUARD CLOSURE LOCKS HAVE BEEN PASSED.
- * TESTS ON GUARD CLOSURES BY FORCE/DISPLACEMENT DEVICE HAVE BEEN PASSED.
- * TESTS ON INTERLOCKS HAVE BEEN PASSED.
- * TESTS ON ZERO SPEED INDICATOR HAVE BEEN PASSED.
- * ZERO SPEED SYSTEM GIVES PERMISSION TO UNLATCH THE CLOSURE LOCK(S).
- * TESTS ON TIMERS OR DELAY DEVICES HAVE BEEN PASSED.
- * TESTS ON INTERFERENCE SYSTEMS HAVE BEEN PASSED.
- * INTERFERENCE DEVICES ARE FULLY DEPLOYED.
- * TESTS OF TESTERS HAVE BEEN PASSED.
- * MACHINE POWER HAS BEEN INTERRUPTED BY CONTROL STOP SIGNALS, EMERGENCY STOP DEVICES, OR BY POWER DISCONNECT.

FIG. 11A-1

FIG. 11A-1
FIG. 11A-2

FIG. 11A

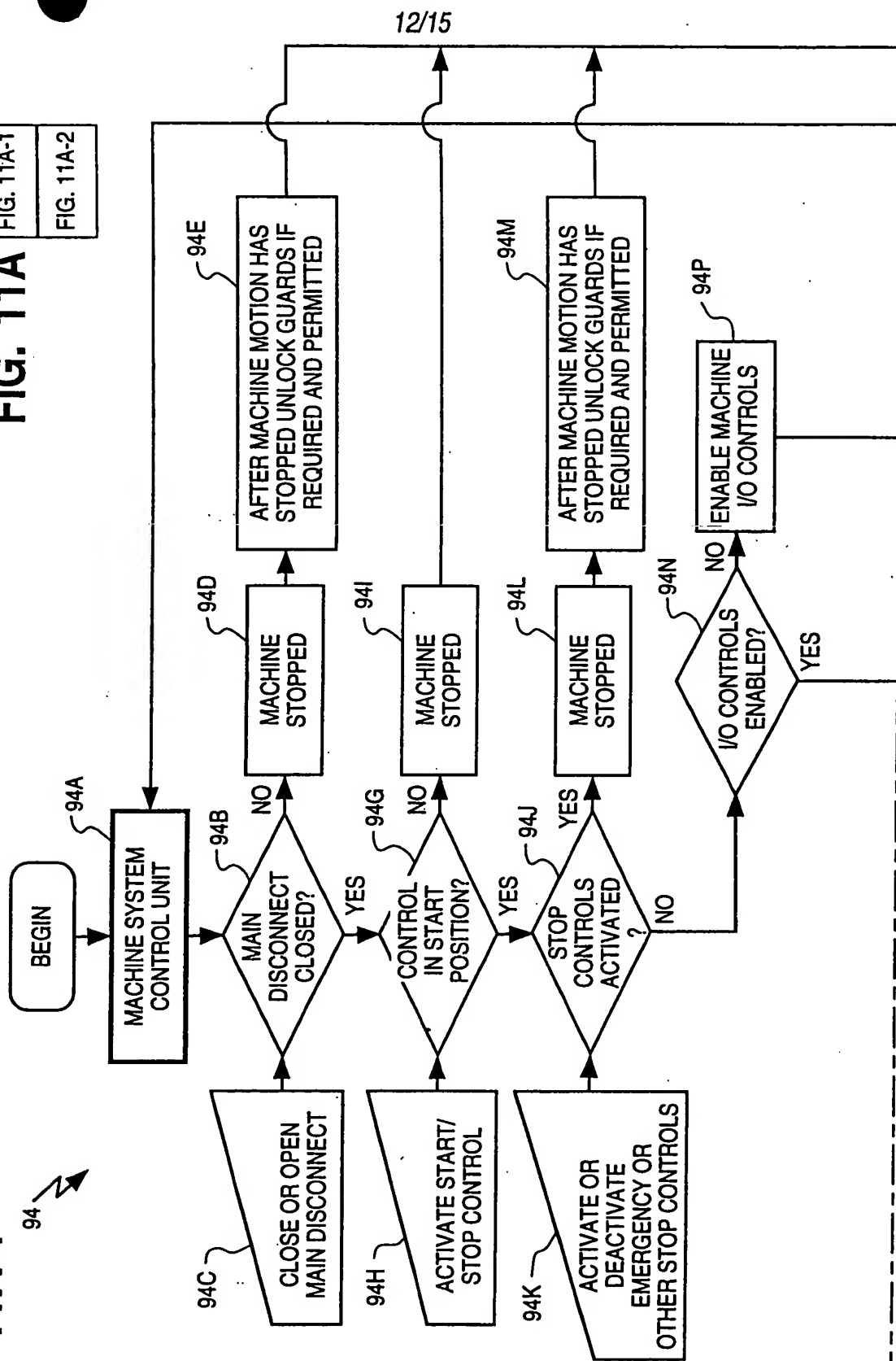


FIG. 11A-2

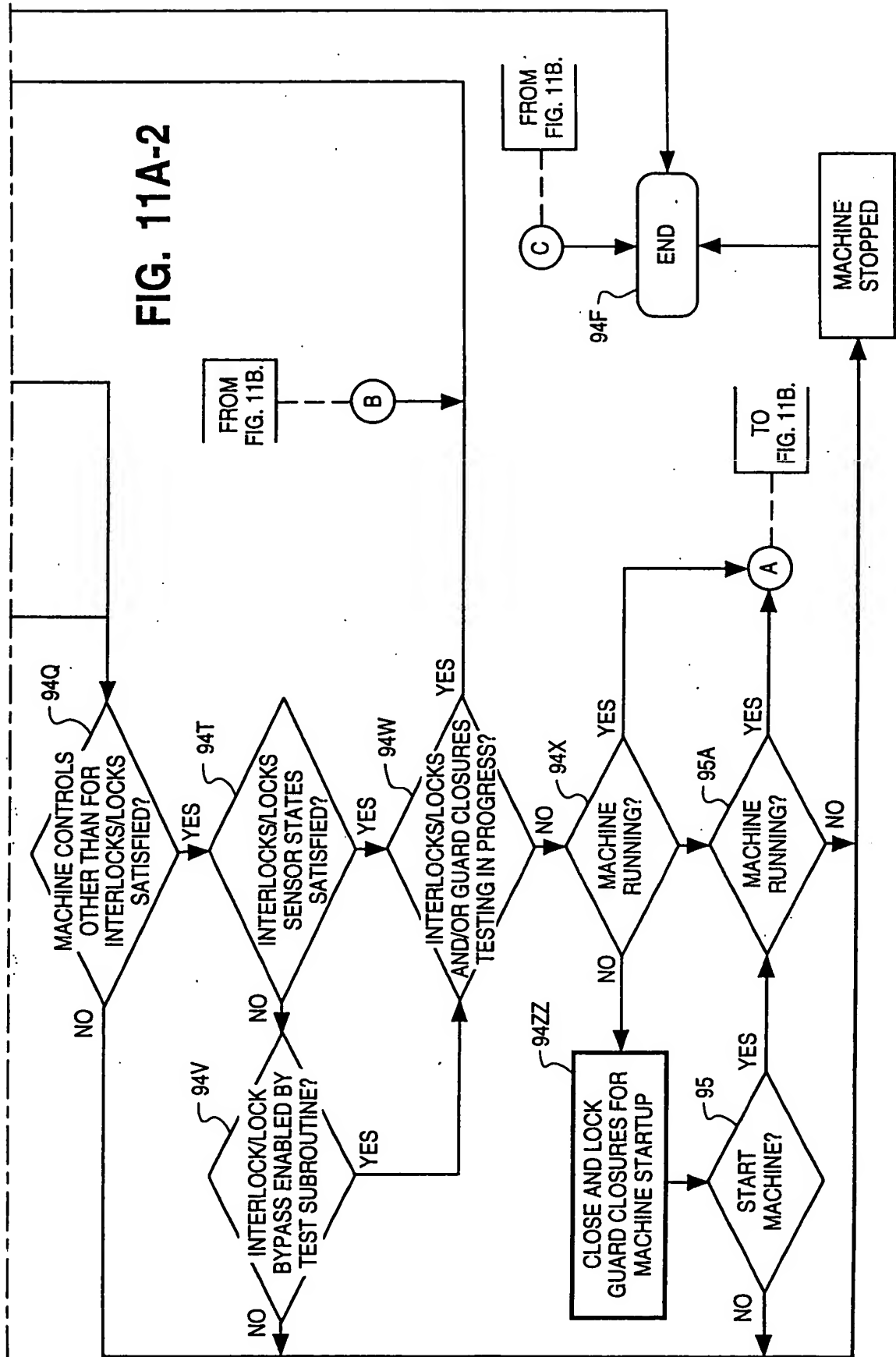
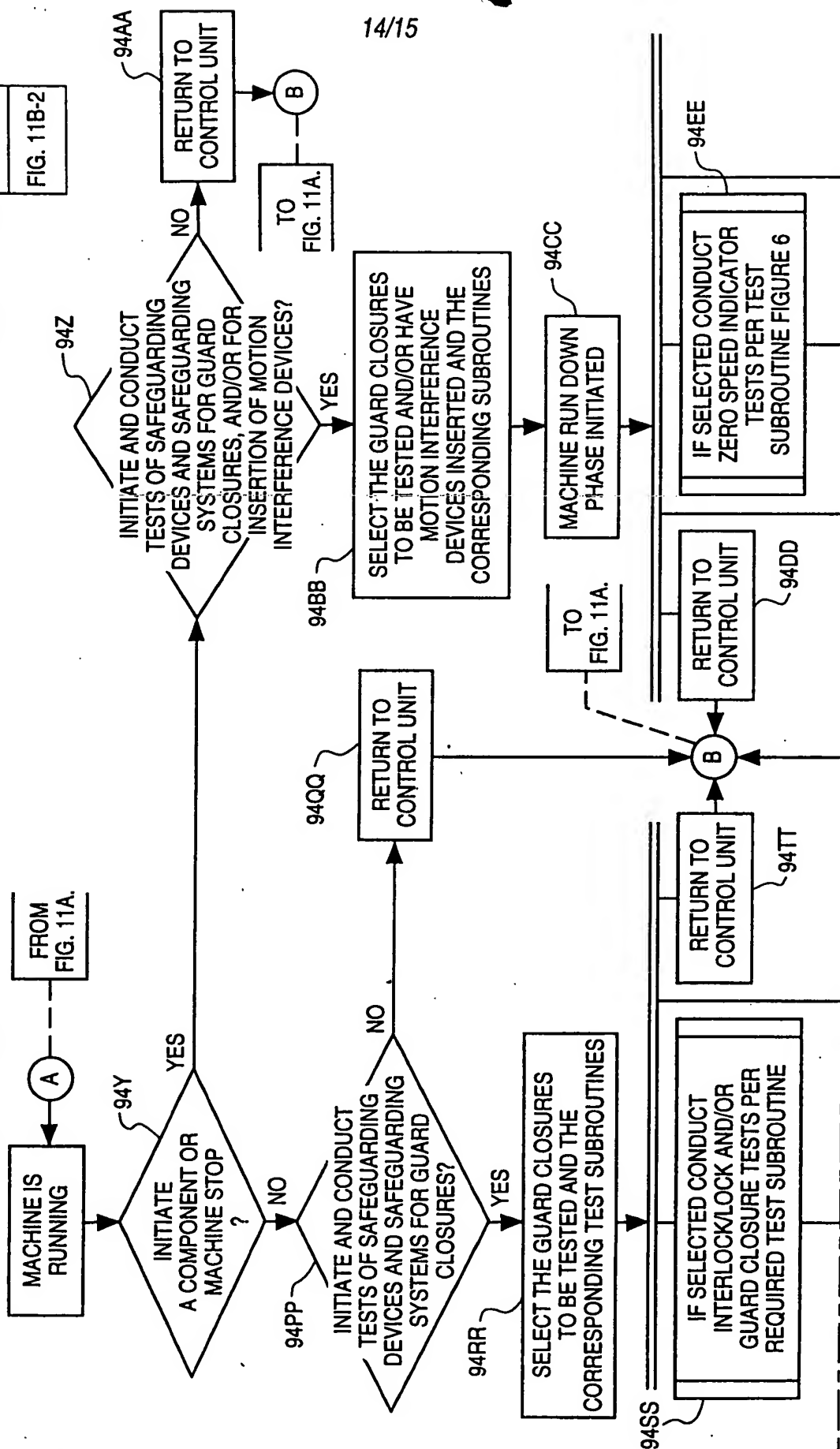


FIG. 11B-1

FIG. 11B-1
FIG. 11B-2

FIG. 11B



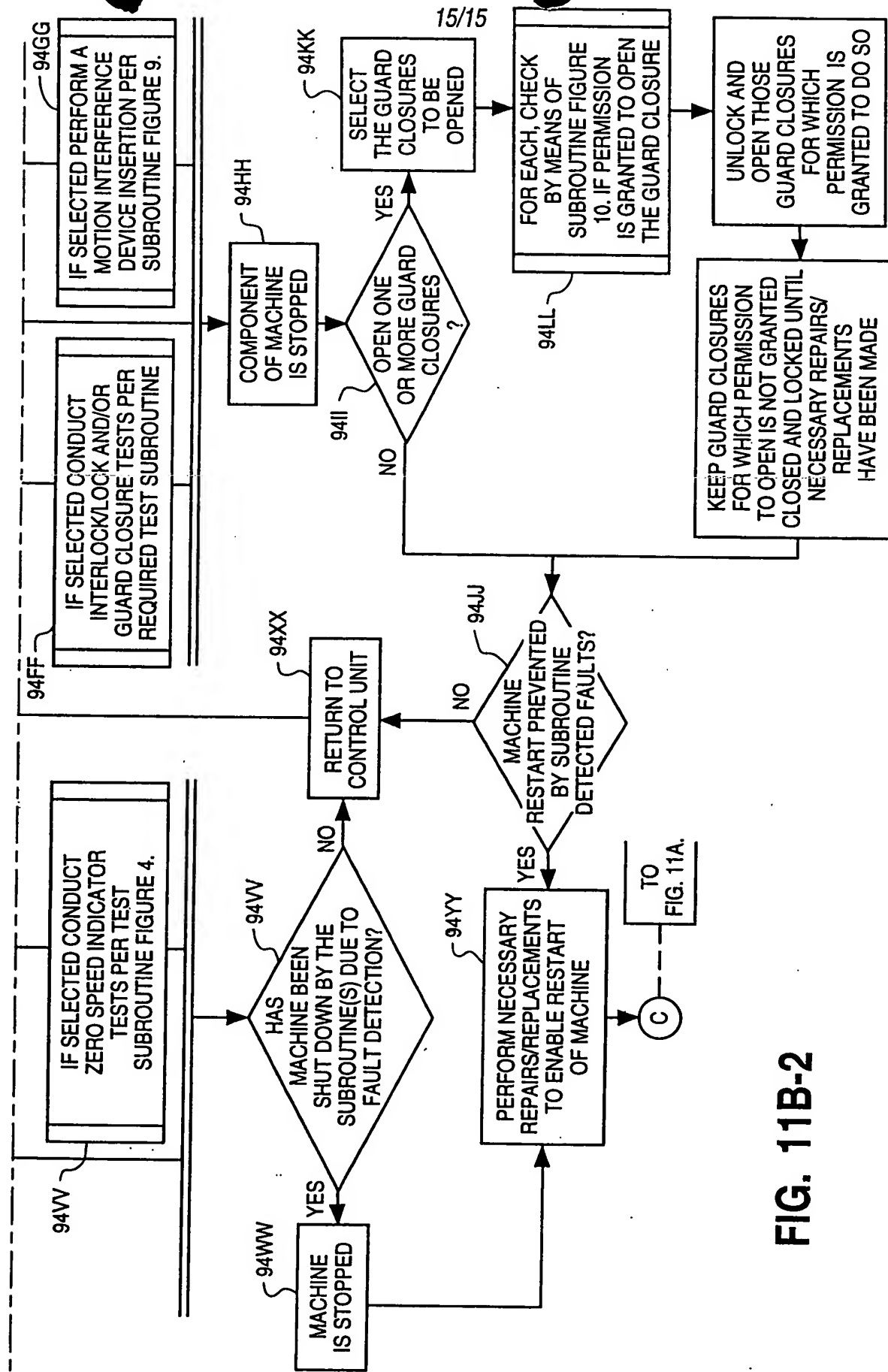


FIG. 11B-2